Survey Requested by	ender en 201 en 422 July	Vassal Owner or A	S:	IIST CERTIFICATE ERIAL NO. 8 83939
Vassol J / - / / Lost Thice (3) Cargoos		Type of Vessel		Specific Location of Vessel Time Survey Completed
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BOW RAD STERN RA	<i>J</i>		" Warker	
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Pu81,13.1814	118 UZUZ Mariana Mariana (Mariana)	47770N 1 1111N - 2559	REGD, IN SCHII)	and Lank and Australia Australia (1994). The second
QUALIFICATIONS: Transfer	physical or atmospheric change spaces, or if in any doubt, into of beliast or manipulation of val- unless specifically approved in the	res or closure equipment	tending to alter condition	DESIGNATIONS assigned incd Marine Chemist. Is in pipe lines, tanks or compartments realissue of Certificate for the spaces so of safe" unless otherwise specifically
standard safety designated. Standard safety design safe for Workers. Mea that, (b) toxic materials in the existing atmospheric condition NOT SAFE FOR WORKERS. SAFE FOR HOT WORK: Meation of increase spaces or where the lower flammable limit; and conditions in the presence of	ATIONS (partial list, paraphrased from that in the compartment or space atmosphere are within permissible mis while maintained as directed on the most shat in the compartment or any that in the compartment so designed as that in the compartment so designed to the performed direction to the performed direction of the performed directions and while maintained as directed.	om NFPA 306-1980, Subset so designated (a) the oxyc concentrations; and that, the Marine Chemist's Cer- space so designated, the mated: (a) oxygen content; and that, (b) the concentra to of producing a higher co- tion the Marine Chemist's (ctions 1-6.1 through 1-6.4, a pen content of the atmosph (c) the residues are not cap lificate. requirements of Safe for W of the atmosphere is at leas stone of liammable materials oncentration than permitted Certificate; and further, that	and Subsection 5-3.2). Ire is at least 19.5 percent by volume; and bable of producing toxic materials under orkers has not been met. It 19.5 percent by volume, with the exception the almosphere is below 10 percent of by (b) above under existing atmospheric (d) all adjacent appages containing or have tistactority increed, or in the case of fuel.
ing contained flammable or or tanks or lube oil tanks or and not tanks or any NOT SAFE FOR HOT WOR SAFE FOR REPAIR YARD E sampling at remote sampling or (b) are inerted. CHEMIST'S ENDORSEMENT of Gas Hazards on Vassels a	ombustible materials have been dealine room or life room bilges, have be k. Means that in the compartment sant the compartment stations, and results indicate the atm. This is to certify that I have personand have found the condition of each of the Cartillors and santial santials.	een treated in accordance of designated, the requirents and spaces of the flammosphere to be above 19.5 plug determined that all spaces to be in accordance with	with the Marine Chemiat's nents of Safe for Hot Work nable cryogenic liquid carri ercent oxygen, and less tha es in the foregoing list are in its assigned designation.	requirements,
Signed Numb 20M 5 82-MBF	Company NOTE: THIS GER	Date TIFICATE IS VALID ONL	Signed Maine Chemist Y ON MARINE VESSELS	Certificate No. Printed in U.S.A.

grav 537 J. T. Ambigton 573 K. L. Menter.